

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns Harbor - Port of Indiana

Site Abbreviation BHP

Deployment No. 25

Field Deployment and Recovery

Field Deployment Technician Name Scott Keller Setup Date/Time 8/27/21 12:40 ^{CS}

Sample Run Date 8/28/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name Scott Keller Recovery Date/Time 8/30/21 10:45 ^{CS}

Q _{std} Avg Flow (liters/min)	<u>225</u>	Actual Start Date/Time	<u>8/28/21 0:00</u>
CV	<u>0.22</u>	Actual Stop Date/Time	<u>8/29/21 0:00</u>
Q _{std} Volume (m ³)	<u>323.33</u>	T _{amb} Avg (°C)	<u>28.3</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P _{amb} Avg (mmHg)	<u>746</u>
Flags? Expected flags: Completed, Q _{std} .			

Sample Status: VALID VOID (circle one) VOID Reason: _____

Site Observations

Run Day Temperatures: High 89 Low 72 Source: Weather channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: SSW 10 mph

Run Day Sky Cover: Mostly Sunny

Unusual Events? (fires, major storms, construction, etc.): _____

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within ± 10 mmHg of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{std} PUFPLUS ($0.225 \frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes: _____